

## Single Output Switching Power Supply

- High efficiency high reliability minnte extension
- Protections:Short circuit/Over load
- Air coo
- 2 years warranty



RS-60-12

Model NO.	RS-60-5V	RS-60-12V	RS-60-15V	RS-60-24V	RS-60-48V
DC VOLTAGE	5V	12V	15V	24V	48V
VOLTAGE TOLERANCE	4.5~5.6V	10~13.2V	13.5~18V	20~26.4V	41~56V
RATED CURRENT	12A	5A	4A	2.5A	1.25A
CURRENT RANGE	0~12A	0~5A	0~4A	0~2.5A	0~1.25A
RATED POWER	60W	60W	60W	60W	60W
RIPPLE&NOISE	75mVP-P	100mVP-P	100mVP-P	100mVp-p	120mVp-p
DC VOLTAGE ADJ.RANGE	± 10%	± 10%	± 10%	± 10%	± 10%
SETUP,RISE TIME	200ms, 100ms, 30ms at full load				
VOLTAGE ADJ.RANGE	110~265VAC auto switch 254~375VDC 47~63Hz				
AC CURRENT	0.8A/110VAC 0.45A/230VAC				
EFFICIENCY	74%	80%	81%	83%	83%
INRUSH CURRENT	45A/165VAC 45A/230VAC				
LEAKAGE CURRENT	<3.5mA/240VAC				
OVER LOAD	± 110%~ ± 150%				
WORKING TEMP. HUMIDITY	(-10°C~+60°C):20%~90%RH				
PROTECT TEMP. HUMIDITY	(-20°C~+85°C):10%~95%RH				
ASEISMICITY	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
WITHSTAND VOLTAGE	I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100m Ohms/500VDC				
SAFETY STANDARDS	Compliance to UL 1012				
EMC STANDARVS	Compliance to EN55022 CLASSA				
WEIGHT	0.57Kg				
DIMENSION	129×98×38mm (L×W×H)				



RS-100-12

Model NO.	RS-100-5V	RS-100-12V	RS-100-15V	RS-100-24V	RS-100-48V
DC VOLTAGE	5V	12V	15V	24V	48V
VOLTAGE TOLERANCE	4.5~5.6V	10~13.2V	13.5~18V	20~26.4V	41~56V
RATED CURRENT	20A	8.3A	6.7A	4.2A	2.1A
CURRENT RANGE	0~20A	0~8.3A	0~6.7A	0~4.2A	0~2.1A
RATED POWER	100W	100W	100W	100W	100W
RIPPLE&NOISE	100mVP-P	120mVP-P	120mVP-P	150mVP-P	240mVP-P
DC VOLTAGE ADJ.RANGE	± 10%	± 10%	± 10%	± 10%	± 10%
SETUP,RISE TIME	200ms, 100ms, 30ms at full load				
VOLTAGE ADJ.RANGE	110~265VAC auto switch 254~375VDC 47~63Hz				
AC CURRENT	2A/110VAC 1A/230VAC				
EFFICIENCY	74%	80%	81%	83%	83%
INRUSH CURRENT	45A/165VAC 45A/230VAC				
LEAKAGE CURRENT	<3.5mA/240VAC				
OVER LOAD	± 110%~ ± 150%				
WORKING TEMP. HUMIDITY	(-10°C~+60°C):20%~90%RH				
PROTECT TEMP. HUMIDITY	(-20°C~+85°C):10%~95%RH				
ASEISMICITY	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
WITHSTAND VOLTAGE	I/P-FG:1.5KVAC O/P-FG:0.5KVC				
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100m Ohms/500VDAC				
SAFETY STANDARDS	Compliance to UL 1012				
EMC STANDARVS	Compliance to EN55022 CLASSA				
WEIGHT	0.57Kg				
DIMENSION	159×97×38mm (L×W×H)				

### NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple&noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.

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RS-120-12

Model NO.	RS-120-5V	RS-120-12V	RS-120-15V	RS-120-24V	RS-120-48V
DC VOLTAGE	5V	12V	15V	24V	48V
VOLTAGE TOLERANCE	4.5~5.6V	10~13.2V	13.5~18V	20~26.4V	41~56V
RATED CURRENT	20A	10A	8A	5A	3.2A
CURRENT RANGE	0~20A	0~10A	0~8A	0~5A	0~2.5A
RATED POWER	100W	100W	100W	100W	120W
RIPPLE&NOISE	100mVP-P	120mVP-P	120mVP-P	150mVP-P	240mVP-P
DC VOLTAGE ADJ.RANGE	± 10%	± 10%	± 10%	± 10%	± 10%
SETUP,RISE TIME	200ms, 100ms at full load				
VOLTAGE ADJ.RANGE	110~265VAC auto switch 254~375VDC 47~63Hz				
AC CURRENT	2A/110VAC		1A/230VAC		
EFFICIENCY	74%	80%	81%	83%	83%
INRUSH CURRENT	45A/110VAC		45A/230VAC		
LEAKAGE CURRENT	<3.5mA/240VAC				
OVER LOAD	± 110%~ ± 150%				
WORKING TEMP. HUMIDITY	(-10°C~+60°C):20%~90%RH				
PROTECT TEMP. HUMIDITY	(-20°C~+85°C):10%~95%RH				
ASEISMICITY	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
WITHSTAND VOLTAGE	I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100m Ohms/500VDC				
SAFETY STANDARDS	Compliance to UL 1012				
EMC STANDARVS	Compliance to EN55022 CLASSA				
WEIGHT	0.6Kg				
DIMENSION	199×98×38mm (L×W×H)				



RS-150-12

Model NO.	RS-150-5V	RS-150-12V	RS-150-15V	RS-150-24V	RS-150-48V
DC VOLTAGE	5V	12V	15V	24V	48V
VOLTAGE TOLERANCE	4.5~5.6V	10~13.2V	13.5~18V	20~26.4V	41~56V
RATED CURRENT	25A	12.5A	10A	6.25A	3.2A
CURRENT RANGE	0~25A	0~12.5A	0~10A	0~6.25A	0~3.2A
RATED POWER	125W	150W	150W	150W	153.6W
RIPPLE&NOISE	120mVP-P	150mVP-P	150mVP-P	150mVP-P	240mVP-P
DC VOLTAGE ADJ.RANGE	± 10%	± 10%	± 10%	± 10%	± 10%
SETUP,RISE TIME	200ms, 100ms, 30ms at full load				
VOLTAGE ADJ.RANGE	110~265VAC auto switch 254~375VDC 47~63Hz				
AC CURRENT	3A/110VAC		1.6A/230VAC		
EFFICIENCY	74%	80%	81%	83%	83%
INRUSH CURRENT	45A/165VAC		45A/230VAC		
LEAKAGE CURRENT	<3.5mA/240VAC				
OVER LOAD	± 110%~ ± 150%				
WORKING TEMP. HUMIDITY	(-10°C~+60°C):20%~90%RH				
PROTECT TEMP. HUMIDITY	(-20°C~+85°C):10%~95%RH				
ASEISMICITY	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
WITHSTAND VOLTAGE	I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100m Ohms/500VDC				
SAFETY STANDARDS	Compliance to UL 1012				
EMC STANDARVS	Compliance to EN55022 CLASSA				
WEIGHT	0.6Kg				
DIMENSION	199×98×38mm (L×W×H)				

### NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple&noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.

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RS-200-12

Model NO.	RS-200-5V	RS-200-12V	RS-200-15V	RS-200-24V	RS-200-48V
DC VOLTAGE	5V	12V	15V	24V	48V
VOLTAGE TOLERANCE	4.5~5.6V	10~13.2V	13.5~18V	20~26.4V	41~56V
RATED CURRENT	35A	16.5A	13A	8.3A	4.2A
CURRENT RANGE	0~35A	0~16.5A	0~13A	0~8.3A	0~4.2A
RATED POWER	200W	198W	198W	199.2W	201.6W
RIPPLE&NOISE	120mVP-P	150mVP-P	150mVP-P	150mVP-P	240mVP-P
DC VOLTAGE ADJ.RANGE	± 10%	± 10%	± 10%	± 10%	± 10%
SETUP,RISE TIME	200ms, 100ms at full load				
VOLTAGE ADJ.RANGE	165~265VAC auto switch 254~375VDC 47~63Hz				
AC CURRENT	3A/165VAC 2A/230VAC				
EFFICIENCY	74%	80%	81%	83%	83%
INRUSH CURRENT	45A/165VAC 45A/230VAC				
LEAKAGE CURRENT	<3.5mA/240VAC				
OVER LOAD	± 110%~ ± 150%				
WORKING TEMP. HUMIDITY	(-10°C~+60°C):20%~90%RH				
PROTECT TEMP. HUMIDITY	(-20°C~+85°C):10%~95%RH				
ASEISMICITY	10~500Hz.2G 10min./1 cycle.60min.each along X.Y.Z axes				
WITHSTAND VOLTAGE	I/P-FG:1.5KVAC O/P-FG:0.5KVC				
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100m Ohms/500VDAC				
SAFETY STANDARDS	Compliance to UL 1012				
EMC STANDARVS	Compliance to EN55022 CLASSA				
WEIGHT	0.5Kg				
DIMENSION	165×99×45mm (L×W×H)				

### NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple&noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.



BK-50VA

## BK Machine Tool Control Transformer

### 1. Application

BK series machine tool control transformer is suitable for circuit of 50~60Hz, voltage up to 500V, usually applied as power supply for machine tool electrical appliances, local lightings and indicator lamps.

### 2. Structure character

According to different structures, BK transformer belongs to shell type, and according to the installation mode, it belongs to vertical type.



BK-300VA

### 3. Model and its meaning

